

ABSTRACT OF THE DISCLOSURE

Optical systems are provided. A representative optical system includes an optical filter that incorporates an optical filter component and a tuning assembly. The optical filter component includes a propagation axis and exhibits a length of physical path along the optical path of the optical filter. The optical filter component is adapted to receive an optical signal so that, in response to the optical signal, the optical filter component propagates at least a first frequency of light. The tuning assembly engages the optical filter component and is adapted to alter the length of the physical path along the propagation axis. In this manner, the optical filter component propagates at least a second frequency of light in response to the optical signal. Methods and other systems also are provided.